

U.S. DEPARTMENT OF ENERGY  
FEDERAL ASSISTANCE PROGRAM/PROJECT STATUS REPORT

**OMB Burden Disclosure Statement**

Public reporting burden for this collection of information is estimated to average 47.5 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Office of Information Resources Management, AD-241.2 - GTN, Paperwork Reduction Project (1910-0400), U.S. Department of Energy, 1000 Independence Avenue, SW., Washington, DC 20585; and to the Office of Management and Budget (OMB), Paperwork Reduction Project (1910-0400), Washington, DC 20503.

1. Program/Project Identification No. DE-FC26-98FT40321	2. Program/Project Title: JV Task 36 – Evaluation of Mercury Speciation at Power Plants Using SCR and SNCR NO <sub>x</sub> Control Technologies	3. Reporting Period 4/1/02 through 6/30/02
4. Name and Address Energy & Environmental Research Center University of North Dakota PO Box 9018, Grand Forks, ND 58202-9018		5. Program/Project Start Date 4/15/98
		6. Completion Date 3/31/03

7. Approach Changes

☒ None

8. Performance Variances, Accomplishments, or Problems

Funding for this project has been secured from EPRI for the 2002 work.

All field research under the 2001 work has been concluded, and the draft final is in review with sponsors and utility participants. Draft chapters were submitted to the power plants on June 17, 2002. A few questions remained regarding specific plant data, including configurations of plant equipment. All but one plant provided feedback. Those additional data, along with comments from other project participants and comments secured from the U.S. Department of Energy (DOE), the U.S. Environmental Protection Agency (EPA), and EPRI, were incorporated into the draft report. The final draft report will be submitted to all partners the first week of July 2002. A conference call is scheduled for July 8, 2002, with all project participants to discuss the report and have one last opportunity to suggest changes.

Thus far, EPRI and DOE have committed to publishing this report. EPA has indicated that it will not publish.

Jeff Thompson has submitted a paper to the Pittsburgh Coal Conference titled "Use of Continuous Emission Monitors for Mercury at Coal-Fired Utilities." He will also be delivering a presentation on this subject at the conference in September 2002.

☐ None

9. Open Items

☒ None

10. Status Assessment and Forecast

All sampling has been completed for the 2001–2002 work.

Although three plants were proposed, four plants have been identified by DOE, EPRI, and EPA for the 2002 work. The sampling schedule is as follows:

- Gavin Power Plant – July 14 through August 9, 2002
- Harrison Power Plant – July 25 through August 22, 2002
- Bowen Power Plant – September 20 through October 21 (includes the plume sampling project that will occur during the same time frame)
- Paradise Power Plant – September 9 through October 11, 2002 (the sampling portion of this work may become the responsibility of the University of Western Kentucky)
- One remaining power plant will be identified to comply with the EPA portion of this project. The plant must burn a PRB coal to meet EPA's requirements for funding.

☐ No Deviation from Plan is Expected

11. Description of Attachments

Jeff Thompson's submission to the Pittsburgh Coal Conference titled "Use of Continuous Emission Monitors for Mercury at Coal-Fired Utilities" is attached.

☐ None

12. Signature of Recipient and Date	13. Signature of U.S. Department of Energy (DOE) Reviewing Representative and Date
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